Product Datasheet

5-port 10/100M Ethernet Switch
(ONV-H1005S)

OVERVIEW

The ONV-H1005S is an unmanaged 10/100M Ethernet switch independently developed by ONV. It has 5*10/100Base-TX adaptive RJ45 ports. The scheme of the large backplane and large cache switching chip is preferred to improve the forwarding rate of large files and effectively solve the problems of video freeze and picture loss in the high-definition surveillance environment. It is suitable for hotels, banks, campuses, factory quarters, and small and medium-sized enterprises to establish a cost-effective network. Unmanaged mode, plug and play, no configuration, simple and convenient to use.

FEATURE

■ **10/100M line speed transmission**

◇ Support non-blocking wire-speed forwarding.

◇ Support full-duplex based on IEEE802.3x and half-duplex based on Backpressure.

■ **Stable and reliable**

◇ CCC, CE, FCC, RoHS.

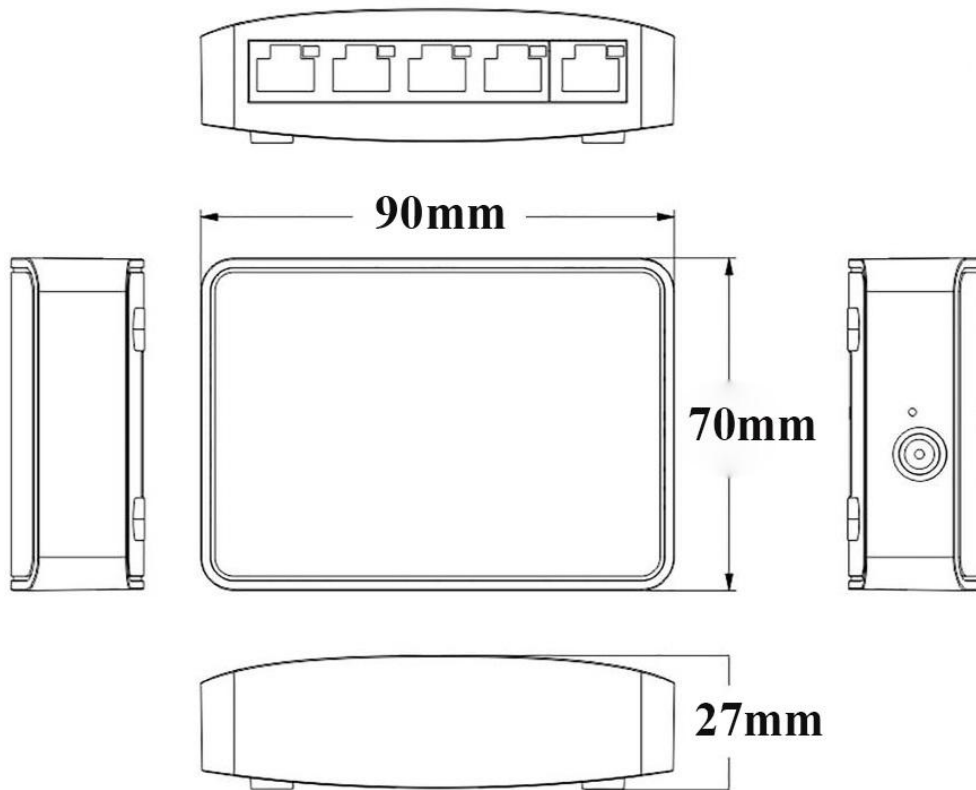◇ Low power consumption, no fan, flame retardant plastic casing.

■ **Easy to operate**

◇ Plug and play, no configuration, simple and convenient.

◇ The user-friendly panel can show the device status through the LED indicator of Link/ Act, PWR.
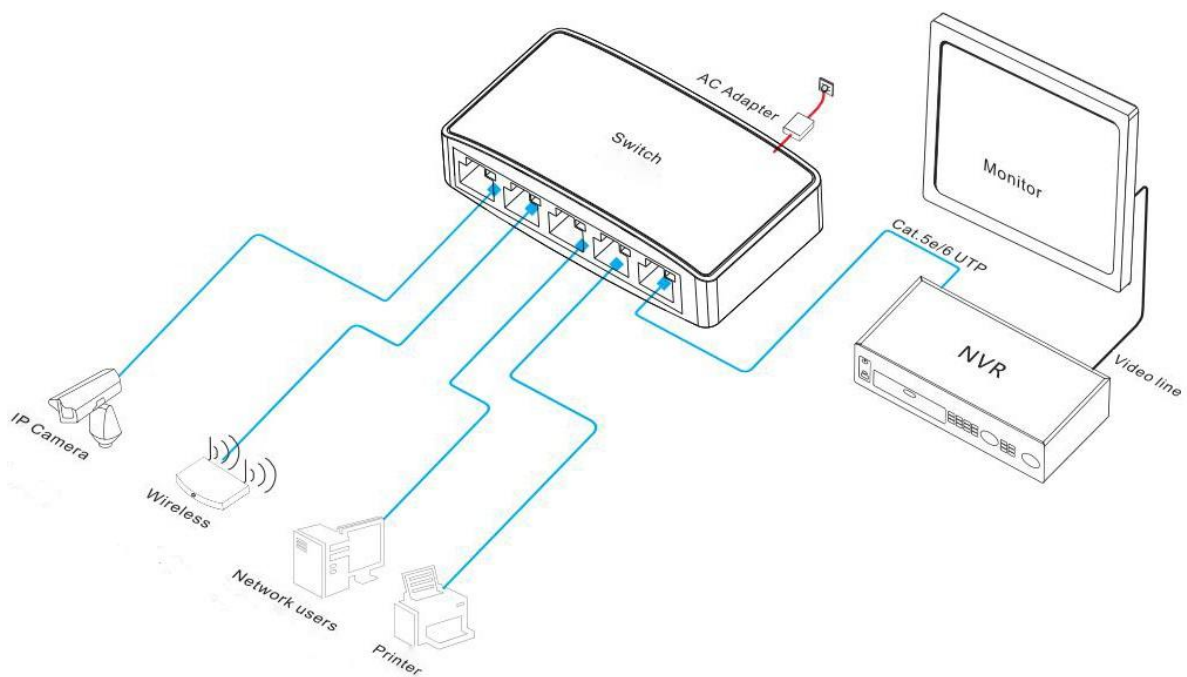
TECHNICAL SPECIFICATION

Model	ONV-H1005S	ONV-H1008S
Interface Characteristics		
Fixed Port	5*10/100Base-TX RJ45 ports (Data)	8*10/100Base-TX RJ45 ports (Data)
Ethernet Port	10/100Base-TX auto-sensing, full/half duplex MDI/MDI-X self-adaption.	
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤100 meters) 100BASE-TX: Cat5 or later UTP(≤100 meters)	
Chip Parameter		
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T IEEE802.3u 100Base-TX, IEEE802.3x	
Forwarding Mode	Store and Forward(Full Wire Speed)	
Switching Capacity	1Gbps (Non-blocking)	1.6Gbps (Non-blocking)

Forwarding Rate@64byte	0.74Mpps	1.19Mpps
MAC	1K	
Buffer Memory	512K	768K
Jumbo Frame	1536byte	
LED Indicator	Power: PWR (Green), Network: Link/Act(Green)	
Power Supply		
Total PWR / Input Voltage	5W/ (DC5V)	
Power Consumption	Standby<1W, Full Load<2W	Standby<1W, Full Load<3W
Power Supply	External power adapter, AC100~240V 50-60Hz 0.56A	
Physical Parameter		
Operation TEMP / Humidity	0°C~+55°C, 5%~90% RH Non condensing	
Storage TEMP / Humidity	-40°C~+75°C, 5%~95% RH Non condensing	
Dimension (L*W*H)	90*70*27mm	140*78*32mm
Net /Gross Weight	<0.1kg /<0.25kg	<0.15kg /<0.3kg
Installation	Desktop, wall mount	
Certification & Warranty		
Lightning Protection	Lightning protection: 4KV 8/20us, Protection level: IP30	
Certification	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B, RoHS	
Warranty	1 year, lifelong maintenance.	

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DIMENSION

90mm

70mm

27mm

APPLICATION

ORDERING INFORMATION

Model	Description	Power Supply
ONV-H1005S	Unmanaged Ethernet switch with 5*10/100M RJ45 ports. External power supply.	5W
ONV-H1008S	Unmanaged Ethernet switch with 8*10/100M RJ45 ports. External power supply.	

PACKING LIST

	Content	Qty	Unit
Packing List	5-port 10/100M Ethernet switch	1	SET
	Power Adapter 5V/1A	1	PC
	User Guide	1	PC
	Warranty Card	1	PC

CONTACT US

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